

08/810132



02/25/97

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Canada et al.
For: HAND HELD DATA COLLECTOR AND ANALYZER SYSTEM
Filed: Herewith
Attorney Docket: 48545.c1

#6
Pre
amendment/B
M. Butcher
11/14/97

PRELIMINARY AMENDMENT
TO THE ACCOMPANYING
37 CFR 1.60 APPLICATION

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington DC 20231

Sir:

Prior to examination of the subject application, please enter the following amendments.

IN THE CLAIMS

- 31 (new). A data collector and analyzer system comprising:
- a vibration transducer for sensing vibration and for producing an analog vibration signal corresponding to the vibration;
 - a conditioning circuit for receiving and conditioning the analog vibration signal from the vibration transducer to produce a conditioned analog signal, and having:
 - (a) a filter for producing the conditioned analog signal having a desired frequency range;
 - (b) an amplifier for producing the conditioned analog signal at a desired amplitude;
 - (c) an analog to digital converter (ADC) for receiving and sampling the conditioned analog signal to produce a digital signal;
 - a data processor for processing the digital signal to produce desired digital data, the

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